

TABLE 5. U.S. applied research expenditures, by performing sector and source of funds: 1994–2004

TABLE 3. U.S. applied research expenditures, by performing sector and source of funds: 1974-2004																							
Year ^f	Performing sector:	Total	Federal	Industry ^a			Industry FFRDCs ^b	U&C ^c							U&C FFRDCs	Other nonprofit institutions				Nonprofit FFRDCs ^b			
	Funding sector:	Total	Federal	Total	Federal	Industry ^d	Total	Other							Total	Total	Federal	Industry	Nonprofit	Total			
								government ^e	Industry	U&C	Nonprofit	Total	Total	Federal							Industry	U&C	Nonprofit
Millions of current dollars																							
1994		36,614	4,985	22,988	3,616	19,372	503	5,386	2,641	517	464	1,256	508	982	1,659	960	158	541	111				
1995		40,931	4,952	26,919	3,164	23,755	535	5,654	2,775	558	494	1,311	516	1,050	1,692	934	170	589	129				
1996		43,165	4,872	29,010	3,640	25,370	231	5,879	2,860	583	524	1,390	522	1,270	1,781	960	182	640	122				
1997		46,553	4,997	32,430	2,648	29,782	213	5,522	2,551	552	518	1,388	512	1,337	1,926	1,011	205	711	128				
1998		46,361	5,146	32,208	2,632	29,576	230	5,221	2,291	525	519	1,374	512	1,372	2,062	1,060	225	777	123				
1999		52,083	5,530	36,638	2,817	33,821	274	5,839	2,749	544	540	1,458	548	1,251	2,421	1,300	249	872	130				
2000		56,844	6,105	39,170	2,676	36,494	275	6,652	3,354	571	553	1,583	591	1,329	3,096	1,831	283	981	217				
2001		64,605	7,052	44,012	3,603	40,409	935	7,260	3,757	602	550	1,713	638	1,485	3,530	2,150	287	1,093	332				
2002		50,787	7,487	28,533	2,452	26,081	1,048	7,980	4,227	649	547	1,863	696	1,685	3,744	2,267	275	1,203	309				
2003 preliminary		62,084	7,939	38,076	5,182	32,894	1,200	8,686	4,648	704	555	2,025	754	1,721	4,095	2,518	284	1,293	367				
2004 preliminary		66,364	8,407	41,009	5,892	35,117	1,268	9,223	4,983	751	555	2,132	802	1,806	4,287	2,595	304	1,388	365				
		[103]	[104]	[105]	[106]	[107]	[108]	[109]	[110]	[111]	[112]	[113]	[114]	[115]	[116]	[117]	[118]	[119]	[120]				
Millions of constant 2000 dollars																							
1994		40,565	5,523	25,469	4,006	21,463	557	5,967	2,926	573	514	1,391	563	1,087	1,838	1,063	176	599	123				
1995		44,439	5,377	29,226	3,435	25,791	581	6,139	3,013	606	536	1,423	560	1,140	1,837	1,014	184	639	140				
1996		45,992	5,191	30,910	3,878	27,032	246	6,264	3,047	622	558	1,481	557	1,353	1,898	1,022	193	682	130				
1997		48,791	5,237	33,989	2,775	31,214	223	5,787	2,673	579	543	1,455	537	1,402	2,019	1,059	215	745	135				
1998		48,057	5,334	33,386	2,728	30,658	238	5,412	2,375	544	538	1,425	530	1,422	2,137	1,099	233	805	128				
1999		53,218	5,650	37,436	2,878	34,558	280	5,967	2,809	556	552	1,490	560	1,278	2,474	1,328	255	891	132				
2000		56,844	6,105	39,170	2,676	36,494	275	6,652	3,354	571	553	1,583	591	1,329	3,096	1,831	283	981	217				
2001		63,091	6,887	42,981	3,519	39,462	913	7,089	3,669	588	537	1,673	623	1,450	3,447	2,100	280	1,067	324				
2002		48,791	7,193	27,411	2,356	25,056	1,006	7,667	4,060	623	525	1,790	669	1,619	3,597	2,178	264	1,156	297				
2003 preliminary		58,570	7,490	35,921	4,889	31,033	1,132	8,194	4,385	664	523	1,911	712	1,624	3,863	2,375	268	1,220	346				
2004 preliminary		61,335	7,770	37,901	5,446	32,455	1,172	8,524	4,606	694	513	1,970	741	1,669	3,962	2,398	281	1,283	337				

FFRDC=federally funded research and development center; U&C=universities and colleges

^a Character-of-work estimates for industry have been revised for 1998 and later years; hence these data are not directly comparable with data for 1997 and earlier years.^b Beginning in 2001, data for industry and nonprofit FFRDCs are reported by FFRDCs. In prior years, these data were collected from FFRDC administrators and federal agencies supporting FFRDCs.^c Adjustments have been made to university research and development (R&D) for 1998 and later years to eliminate double counting of funds passed through from one academic institution to another. Character-of-work estimation procedure for university and college R&D also was revised for 1998 and later years; hence these data are not directly comparable with data for 1997 and earlier years.^d Industry sources of industry R&D expenditures include all non-Federal sources of industry R&D expenditures.^e Because of limitations in survey information, data on other government funding to other performers are not available and are consequently included in other sectors' support for their own R&D performance. For example, other government support to nonprofits is included in nonprofits' support for their own R&D.^f Expenditure levels for academic and federal government performers are calendar-year approximations based on fiscal-year data. For federal government expenditures, approximation is equal to 75% of amount reported in same fiscal year (FY) plus 25% of amount reported in subsequent FY. For academic expenditures, respective percentages are 50 and 50, because their FYs generally begin on July 1 instead of October 1.^g See historical database, table D (<http://www.nsf.gov/statistics/nsf06327/database.htm>) for full series of historical data arranged in same data columns defined in this and other tables.NOTES: Technical notes explaining methodological issues of measurement will be provided in National Science Foundation, *The Methodology Underlying the Measurement of R&D Expenditures: 2003* (Arlington, VA, forthcoming). Data are based on annual reports by performers except for nonprofit sector. For trend comparisons, use only historical data reported here. Do not use data published earlier.SOURCES: Data were derived from National Science Foundation, Division of Science Resources Statistics (NSF/SRS), *Research and Development in Industry 2003* (Arlington, VA, forthcoming); NSF/SRS, *Academic Research and Development Expenditures: Fiscal Year 2003* (Arlington, VA, 2005); NSF/SRS, *Federal Funds for Research and Development: Fiscal Years 2003, 2004, and 2005* (Arlington, VA, forthcoming); and NSF/SRS, Survey of Research and Development Funding and Performance by Nonprofit Organizations: FY 1996–97.